

Abstract

There is disclosed a system for detecting virus infection in a network and preventing the virus infection. Decoy means (13, 14, 15) accessible through the network (1) are arranged on a storage unit (12). The system comprises a communication information analysis means (16) that detects virus intrusion into the decoy means (13, 14, 15), and upon detection of the virus intrusion, detecting a computer as a source of the virus based on the communication information acquired upon the virus intrusion; and a computer attack means (17) that performs antivirus attack processing on the virus source computer through the network for suppressing action of the virus. Attack by the computer attack means (17) of a monitoring computer (10) is continued until the infected computer (5) is identified and the virus is removed by the administrator.